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DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1 63)

Declaration
Submitted
with Initial
Filing

OR V

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

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Attorn y Docket Nun	nber	y0165-002		
First Named Inventor		Pan, Janet L.		
COMPLI	ETE IF	KNOWN		
Application Number	10/6	54,790		
Filing Date	09/04/2003			
Art Unit				
Examiner Name				

As the below named inventor,	I hereby declare	that:				
My residence, malling address,	and citizenship are	as stated below	next to my name.		•	
I believe I am the original and fir	st inventor of the s	ubject matter whi	ich is claimed and for	which a patent is soug	ght on the invention entitled:	
<u> </u>		·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·				
USE OF DEEP-LEV	EL TRANSIT	TIONS IN S	EMICONDUCT	OR DEVICES		
		(Title of the Inv	vention)			
the specification of which		(1)00 01 1110 1111	Childry		;	
l 🗖					•	
is attached hereto					•	
OR					,	
was filed on (MM/DD/YYY	Y) 09.	/04/2003	as United State	es Application Number	r or PCT International	
						
Application Number 10/	654,790 a	nd was amended	d on (MM/DD/YYYY)		(if applicable).	
TO/	054,750		L			
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.						
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority be	nefits under 35 U.	S.C. 119(a)-(d) o	or (f), or 365(b) of any	foreign application(s)	for patent, inventor's or plant	
breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application			Foreign Filing Date		Certified Copy Attached?	
Number(s)	Col	untry	(MM/DD/YYYY)	Not Claimed	YES NO	
		•			│	
Additional foreign application	an sumbore oro lie	led on a sunnler	negtal priority data she	elle RCN/SR/NZR ellec	had hereto:	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

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I hereby declare that all statements made herein of are believed to be true; and further that these state made are punishable by fine or imprisonment, or bo validity of the application or any patent issued thereo	ments were made th, under 18 U.S.C	with the knowledg	e that willful false	a statements and the like so
NAME OF SOLE OR FIRST INVENTOR:	A petition	n has been file	d for this unsig	ned inventor
Given Name Janet L. (first and middle [if-any])		Family Name	Pan	
Inventor's Signature				Date 1/22/04
New Haven	СТ	US	SA	American
Residence: City	State	Coun	try	Citizenship
M-Utas Address				
Mailing Address	<u> </u>			T
City	State	ZiP		Country
NAME OF SECOND INVENTOR:	A petition	has been filed	for this unsigne	ed inventor
Given Name (first and middle [if any])		Family Name		
inventor's Signature				Date
Residence: City	State	Coun	itry	Citizenship
Mailing Address				
City	State	ZIP		Country
Additional inventors are being named on the	supplemental Ac	lditional Inventor(s)	sheet(s) PTO/SB	VO2A attached hereto.

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DECLARATION FOR UTILITY OR	Attorney D cket Number	Y0165-002		
DESIGN	First Named Inventor	Pan, Janet L.		
PATENT APPLICATION	COMPLETE IF KNOWN			
(37 CFR 1.63)	Application Number			
Declaration Declaration	Filing Date			
Submitted OR Submitted after Initial with Initial Filing (surcharge	Art Unit			
Filing (37 ČFR 1.16 (e)) required)	Examiner Name			

							
As the below named inventor, I her	reby declare that:						
My residence, mailing address, and o	citizenship are as stated bel	low next to my name.					
I believe I am the original and first Inv	rentor of the subject matter v	which is claimed and for wh	nich a patent is souç	ght on the invention entitled:			
USE OF DEEP-LEVEL TRANSITIONS IN SEMICONDUCTOR DEVICES							
_	(Title of the I	Invention)					
the specification of which	11me - 112 -	invention,					
is attached hereto		·					
OR -		··					
was filed on (MM/DD/YYYY)		as United States	Application Number	r or PCT International			
Application Number	Application Number and was amended on (MM/DD/YYYY) (if applicable).						
I hereby state that I have reviewed and any amendment specifically referred to	d understand the contents co above.	of the above identified spec	affication, including t	the claims, as amended by			
I acknowledge the duty to disclose info applications, material information whic international filing date of the continua	ation-in-part application.	en the filling date of the phor	r application and the	e national or PCT			
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.							
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO			
	-						
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:							

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DECLARATION — Utility or Design Patent Application

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so mad are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF SOLE OR FIRST INVENTOR:		A petition h	as bee	en filed	for th	nis unsig	ned inventor	
Given Name Janet L. (first and middle [if any]) Pan Family Name or Surname								
Inventor's Signature	·			+			Date	
New Haven Residence: City	1.	CT State		US/ Countr			American Citizenship	
Mailing Address		The same of the sa			·2		Tomesmon	
City		State		ZIP	_	_	Country	
NAME OF SECOND INVENTOR:] /	A petition has	s been	filed fo	or this	unsign		
Given Name (first and middle [if any]) Family Name or Surname								
Inv ntor's Signature				- <u></u>	Date			
R sidence: City	{§	State		Countr	ry		Citizenship	
Malling Address								
City	3	Stat		ZIP			C untry	
Additional inventors are being named on the				<u> </u>	sh et(s) PTO/SB	/02A attached h reto.	